



MEMBER PROFILE

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Study areas	
Countries / Regions	Russia

Topics of last three projects	
1	Hydrological and biological structure of the coastal lakes separated from the White Sea
2	Water quality in the rivers and lakes of Amur region
3	Important Bird Areas of Russia

	<u>Topics of last 10 publications</u>	<u>Publication links</u>
1	Succession Processes in the Anoxygenic Phototrophic Bacterial Community in Lake Kislo-Sladkoe (Kandalaksha Bay, White Sea)	https://link.springer.com/article/10.1134%2FS0026261716050118
2	Study of microbial communities in redox zone of meromictic lakes isolated from the White Sea using spectral and molecular methods	DOI: https://doi.org/10.1017/S0025315415000582
3	Blooming of the Cryptomonad Alga Rhodomonas sp. (Cryptophyta, Pyrenomonadaceae) in the Redox Zone of the Basins Separating from the White Sea	https://link.springer.com/article/10.1134%2FS0026261714030102
4	The study of coastal meromictic water basins in the Kandalaksha Gulf of the White Sea by spectral and physicochemical methods	http://dx.doi.org/10.1117/12.2051737
5	Depth profiles of spectral and hydrological characteristics of water and their relation to abundances of green sulfur bacteria in the stratified lakes of the White Sea	DOI: 10.1117/12.2229855
6	Absorption and fluorescence of hydrophobic components of dissolved organic matter in several Karelian lakes with stratified structures	DOI: 10.1117/12.2229856
7	Macrobenthos composition at the shoreline of Kislo-Sladkoye Lake, separating from the White Sea	http://www.eproceedings.org/static/vol14_S1/14_S1_buvalyy1.html
8	Multidisciplinary Studies of the Separating Lakes at Different Stage of Isolation from the White Sea Performed in March 2012	http://wsbs-msu.ru/res/DictionaryAttachment/781/DOC_FILEN/AME/Krasnova%20et%20al%202013%20Multidisciplinary%20Studies%20of%20the%20Separating%20Lakes.pdf
9	Oxygen Isotope Composition of Water and Snow-Ice Cover of Isolated Lakes at Various Stages of Separation from the White Sea	https://link.springer.com/article/10.1134%2FS1028334X1304003X
10	Salt lakes separated from the White Sea	http://www.eproceedings.org/static/vol14_S1/14_S1_krasnova1.html

Research interests in water

Climate & Water	Water in arid areas	Arctic water	Water cycle	Atmospheric water	Glaciers & Cryosphere					
Hydrological extreme events	Floods	Droughts	Ice phenomena							
Water flow	Catchment processes	Run-off generation	Groundwater-Surface water interactions	Hyporheic processes	Interstitial water	Porewater	Alluvial water			
Surface water	Limnology	Fluvial dynamics	Continental scale processes	Dams / Reservoirs	Sediments	Rivers	Floodplains			
Ground water	Soil water	Karst water	Hydrogeology	Recharge						
Marine Environment	Coastal waters	Estuarian waters								
Aquatic habitats/ Ecosystems	Wetlands	Lakes	Peatlands	Rivers						
Water availability	Water utility	Water storage	Dams / Reservoirs	Water scarcity	Supply & Distribution	Water allocation	Water restrictions			
Modelling and GIS	Hydro GIS	Groundwater modelling	Surface water modelling	Remote sensing						
Water quality	Pollution	Purification	Hydrochemistry	Treatment	Desalination	Waste water	Sewage			
Water & Health	Water & Sanitation	Water & Food	Waterborne diseases	Drinking water	Water purification					
Water & Energy	Water-Energy nexus	Water for energy	Energy for water	Water, Food & Energy						
Water management/ policy	Integrated Catchment management	Integrated water resource management	Water loss	Reticulation & Supply	Transboundary water					
Water use	Urban	Agricultural	Mine water	Industrial	Grey water	Green water	Blue water	Return water	Water sustainability	Competing water use
Water Law & Economics	Water trade	Virtual water	Privatisation	Water as public good	Right to water	Bills & Laws	Affordability			
Socio-political aspects	Water history	Water wars	Water & Poverty	Access to water						